

DERWENT-ACC-NO: 1984-209354

DERWENT-WEEK: 198434

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TITLE: Lightweight sound-insulating carpet - has
backing of high copolymer latex contg. hollow glass
microspheres

PATENT-ASSIGNEE: ASAHI CHEM IND CO LTD[ASAH]

PRIORITY-DATA: 1982JP-0227666 (December 28, 1982)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 59120119 A

July 11, 1984

N/A

004

N/A

JP 91057762 B

September 3, 1991

N/A

000

N/A

APPLICATION-DATA:

PUB-NO

APPL-DESCRIPTOR

APPL-NO

APPL-DATE

JP 59120119A

N/A

1982JP-0227666

December 28, 1982

JP 91057762B

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1982JP-0227666

December 28, 1982

INT-CL (IPC): A47G027/02, B32B025/10 , D06N007/00

ABSTRACTED-PUB-NO: JP 59120119A

BASIC-ABSTRACT:

The carpet is prepd. by incorporating hollow spherical microglass particulates in a high copolymer latex which forms a backing layer on the rear side of a grey fabric of a carpet. The amt. of hollow spherical particulates to be added is 10-50 pts. wt. per 100 pts. wt. of the solid contained in the latex. 10-50 pts. wt. aluminium hydroxide per 100 pts. wt. solid is contained in the latex of the backing layer.

Suitable high copolymer latex is ethylene/vinyl chloride, ethylene/vinyl acetate, styrene/butadiene, acrylonitrile/butadiene copolymer latex, etc.

Suitable glass microparticles are those having at least 0.1 and up to 0.5 mean true specific gravity.

USE/ADVANTAGE - Light weight and superior sound insulating properties.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: LIGHT SOUND INSULATE CARPET BACKING HIGH COPOLYMER LATEX CONTAIN

HOLLOW GLASS MICROSPHERE

DERWENT-CLASS: A83 F07 L02 P27 P73

CPI-CODES: A08-R; A08-R04; A12-B02; A12-D02; F03-E01; F04-D;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 2020U; 5213U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0224 0069 0231 2218 2220 2504 2528 2624 2646 2697 2723 2822 2844

0209 0241 0761 3155 0789 0306 3159 1095 0376 3170

Multipunch Codes: 014 034 04- 041 046 047 06- 061 062 063 15- 20- 27& 308 310

397 436 44& 440 477 481 483 551 560 562 575 581 613 614 617 654 664 699 721 014

034 04- 041 046 047 06- 066 067 15- 20- 27& 308 310 397 436 44& 440 477 481 483

551 560 562 575 581 613 614 617 654 664 699 721 014 034 04- 055 056 06- 117 122

15- 20- 27& 308 310 397 436 44& 440 477 481 483 551 560 562 575 581 613 614 617

654 664 699 721 014 034 04- 06- 072 074 076 117 122 15- 20- 27& 308 310 397 436

44& 440 477 481 483 551 560 562 575 581 613 614 617 654 664 699 721

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-087915

Non-CPI Secondary Accession Numbers: N1984-156648



Composition: E/VA + cenospheres

AN 1984-209354 [34] WPIX Full-text

DNN N1984-156648 DNC C1984-087915

TI Lightweight **sound-insulating** carpet - has backing of high copolymer latex containing hollow **glass microspheres**.

DC A83 F07 L02 P27 P73

PA (ASAH) ASAH CHEM IND CO LTD

CYC 1

PI JP 59120119 A 19840711 (198434)* 4p

JP 03057762 B 19910903 (199139)

ADT JP 59120119 A JP 1982-227666 19821228; JP 03057762 B JP 1982-227666 19821228

PRAI JP 1982-227666 19821228

AN 1984-209354 [34] WPIX Full-text

AB JP 59120119 A UPAB: 19930925

The carpet is prepared by incorporating hollow spherical microglass particulates in a high copolymer latex which forms a backing layer on the rear side of a grey fabric of a carpet. The amount of hollow spherical particulates to be added is 10-50 pts. weight per 100 pts. weight of the solid contained in the latex. 10-50 pts. weight aluminium hydroxide per 100 pts. weight solid is contained in the latex of the backing layer.

Suitable high copolymer latex is ethylene/vinyl chloride, **ethylene/vinyl acetate**, styrene/butadiene, acrylonitrile/butadiene copolymer latex, etc. Suitable glass microparticles are those having at least 0.1 and up to 0.5 mean true specific gravity.

USE/ADVANTAGE - Light weight and superior sound insulating properties.

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